

Amendments to the Claims:

Please amend Claims 5, 8-10.

Please cancel Claims 14-16.

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-4. (Canceled)

5. (Currently Amended) A method for plating zinc-containing coatings under alkaline conditions from an electroplating bath comprising:

providing an electroplating cell having an anode and a cathode;

separating said anode from said cathode by an ion-exchange membrane to provide an anode compartment and a cathode compartment; and

introducing into said cathode compartment an alkaline electrolyte with metal ions for forming an electroplating bath for a zinc-containing coating.

6. (Original) The method of Claim 5 comprising introducing an alkaline electrolyte with metal ions for a zinc-nickel coating into said cathode compartment.

7. (Original) The method of Claim 6 comprising introducing an anolyte into said anode compartment, wherein said anolyte is selected from the group consisting of sulfuric acid, phosphoric acid, methanesulfonic acid, amidosulfonic acid and/or phosphonic acid.

8. (Currently Amended) The method of Claim 7 further comprising introducing a complex former for nickel into said electrolyte of said electroplating bath.

9. (Currently Amended) The method of Claim 6 8 wherein said complex former comprises an amine.

10. (Currently Amended) A method of inhibiting cyanide formation in an alkaline electroplating cell bath comprising an anode and a cathode ~~and an alkaline electroplating bath~~ with an alkaline electrolyte with metal ions for a zinc-metal coating comprising:

introducing an alkaline electrolyte with metal ions for a zinc-containing coating;

introducing a complex former into said alkaline electrolyte, said complexing agent comprising an amine[.]; and

at least substantially preventing contact between said anode and said amine.

11. (Original) The method of Claim 10 comprising at least substantially preventing contact between said anode and said amine by separating said anode from said cathode member to provide an anode compartment and a cathode compartment.

12. (Original) The method of Claim 10 comprising at least substantially preventing contact between said anode and said amine by separating said anode from said cathode with a selectively permeable membrane capable of allowing at least substantially unimpeded flux of current therethrough, but being at least substantially impermeable to said amine.

13. (Original) The method of Claim 12 wherein said membrane comprises an ion-exchange membrane.

14. (Canceled)

15. (Canceled)

16. (Canceled)

17. (Previously Presented) The method of Claim 12 wherein said membrane comprises a polymeric material having a low electrical resistance and being at least substantially impermeable to amines.

18. (Previously Presented) The method of Claim 12 wherein said membrane comprises a perfluorinated polymer.